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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/085,130 | 03/01/2002 | Emil J. Hatfalvi | 741946-45 | 4090 |

22204 7590 10/12/2006

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| EXAMINER |
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PARTHASARATHY, PRAMILA

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| ART UNIT | PAPER NUMBER |
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2136

DATE MAILED: 10/12/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/085,130

Applicant(s)

HATFALVI ET AL.

Examiner

Pramila Parthasarathy

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 July 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-47 is/are pending in the application.
- 4a) Of the above claim(s) 1-20 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 21-26, 28-35, 37-44, 46, 47 is/are rejected.
- 7) ☒ Claim(s) 27, 36 and 45 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

1. This action is in response to the communication filed on July 14, 2006. Claims 1 – 20 were cancelled. New Claims 21 – 47 are currently pending.

Specification

2. A substitute specification excluding the claims is required pursuant to 37 CFR 1.125(a) because in Paragraph [0060], replace “and/or software using any know or later-developed” with “and/or software using any known or later-developed”.

Examiner requests that correction to be made to any grammatical mistakes with the specification that is known to applicant.

A substitute specification must not contain new matter. The substitute specification must be submitted with markings showing all the changes relative to the immediate prior version of the specification of record. The text of any added subject matter must be shown by underlining the added text. The text of any deleted matter must be shown by strike-through except that double brackets placed before and after the deleted characters may be used to show deletion of five or fewer consecutive characters. The text of any deleted subject matter must be shown by being placed within double brackets if strike-through cannot be easily perceived. An accompanying clean version (without markings) and a statement that the substitute specification

contains no new matter must also be supplied. Numbering the paragraphs of the specification of record is not considered a change that must be shown.

Claim Rejections - 35 USC § 101

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

3. Claims 39 – 47 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. Claim(s) 39 – 47 are not limited to tangible embodiments. In view of Applicant's disclosure, specification paragraphs [0060 and 0061], the browser module and the browser isolator are not limited to hardware implementation, but software and in any combination of software and hardware. As such, the claims are not limited to statutory subject matter and are therefore non-statutory.

The rejection of the base claim is necessarily incorporated into the dependent claims.

Claim Rejections - 35 USC § 112

4. Claims 39 – 47 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

The new independent Claim 39 read, "... computer-readable instructions embedded on a computer readable medium".

With respect to "computer readable medium", although the specification discloses that the browser interface system can be implemented in hardware and/or software using any known or later-developed system or structures, devices and/or software", the specification does not disclose a computer program product for providing a browser interface system for protecting a computer network, and including one or more computer-readable instructions embedded on a computer readable medium. The specification does not indicate how the computer program is stored on a computer readable medium and what kind of computer readable medium. Applicant amendment does not clarify a computer program product for providing a browser interface system for protecting a computer network, and including one or more computer-readable instructions embedded on a computer readable medium.

The dependent claims 40 – 47 are rejected at least by virtue of their dependency on the dependent claims.

Claim Rejections - 35 USC § 102

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 21 – 26, 28 – 35, 37 – 44, 46 and 47 are rejected under 35 U.S.C. 102(e) as being anticipated by Hayko et al. (U.S. Publication Number 2002/0095522).

6. Regarding Claims 21, 30 and 39, Hayko teaches “a browser module that provides communications access to an unprotected network from a protected network, wherein said browser module is separate and physically distinct from protected computers” (Summary and paragraph [0043-0045]);

“a browser client module that communicates with the browser module, wherein said browser client module provides control of video and audio output of a browser operating remotely on said browser module” (Summary and paragraph [0043-0045]);
and

“a browser isolator module that analyzes communications between the browser module and the browser client module, wherein said browser isolator module prevents unauthorized communications between the browser module and the browser client module” (Summary and paragraph [0045-0046]).

7. Claims 22, 31 and 40 are rejected as applied above in rejecting claims 21, 30 and 39. Furthermore, Hayko teaches, “the communication between the browser module and the browser client module is limited to those communications specifically necessary for remote operation of the browser module” (Summary and paragraph [0034-0035]).

8. Claims 24, 33 and 42 are rejected as applied above in rejecting claims 21, 30 and 39. Furthermore, Hayko teaches, “the browser module comprises a distributed network browser” (Summary and paragraph [0034-0035]).

9. Claims 25, 34 and 43 are rejected as applied above in rejecting claims 21, 30 and 39. Furthermore, Hayko teaches, “the protected network is isolated from unauthorized communications received from the unprotected network” (Summary and paragraph [0034-0035]).

10. Claims 26, 35 and 44 are rejected as applied above in rejecting claims 21, 30 and 39. Furthermore, Hayko teaches, “any browser-executed code operates on the browser module” (Summary and paragraph [0034-0035]).

11. Claims 28, 37 and 46 are rejected as applied above in rejecting claims 21, 30 and 39. Furthermore, Hayko teaches, "browser module is sacrificial and protects the protected computers from unauthorized content" (Summary and paragraph [0034-0035]).

12. Claims 29, 38 and 47 are rejected as applied above in rejecting claims 21, 30 and 39. Furthermore, Hayko teaches, "browser isolator module performs detailed field checks and reduce the chance of defect in the protocol implementation on either the browser module or the protected computer" (Summary and paragraph [0051-0053]).

13. Claims 23, 32 and 41 are rejected as applied above in rejecting claims 21, 30 and 39. Furthermore, Hayko teaches, "the browser isolator module screens at least one of the following types of information to determine if the communication is authorized:

source and destination ports, user information, origination information, host information, destination information, character information, IP address information, display identification, session information, display class, display number, TCP information and date and/or time information" (Summary and paragraph [0035]).

Allowable Subject Matter

14. Claims 27, 36 and 45 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

Examiner's Note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant.

Although the specified citations are representative of the disclosing in the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant, in preparing the responses, to fully consider the references in entirety as potentially disclosing all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the examiner.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO Form 892.

Applicant is urged to consider the references. However, the references should be evaluated by what they suggest to one versed in the art, rather than by their specific disclosure. If applicants are aware of any better prior art than those are cited, they are required to bring the prior art to the attention of the examiner.

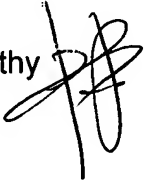
Art Unit: 2136

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pramila Parthasarathy whose telephone number is 571-272-3866. The examiner can normally be reached on 8:00a.m. To 5:00p.m.. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser Moazzami can be reached on 571-232-4195. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

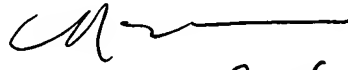
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR only. For more information about the PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Pramila Parthasarathy

October 06, 2006.



NASSER MOAZZAMI
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10,09,06